<u>**AMENDMENT AND PRESENTATION OF CLAIMS**</u>

Please replace all prior claims in the present application with the following claims.

1. - 14.   (Canceled)

15.   (Currently Amended)   An apparatus comprising:

at least one processor; and

at least one memory including computer program code for one or more programs,

the at least one memory and the computer program code configured to, with the at least one

processor, cause the apparatus to perform at least the following,

determine to store, in the memory, at least one piece of pre-broadcast content <u>associated with</u>

<u>a same at least one piece of broadcast content maintained by a content source</u>, the <u>at least</u>

<u>one piece of</u> pre-broadcast content being stored before a scheduled time for <u>a live</u>

broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content by [[a]] <u>the</u>

content source, the scheduled time specified by a schedule;

determine to access <u>the</u> at least one piece of pre-broadcast content from the memory ~~no~~

~~sooner than~~ <u>at a time synchronized with</u> the scheduled time for <u>the live</u> broadcast of the

<u>associated</u> same at least one piece of <u>broadcast</u> content;

receive <u>the</u> live broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content from

the content source; and

determine to present the accessed at least one piece of pre-broadcast content ~~consistent~~

<u>synchronized</u> with the scheduled time for <u>the live</u> broadcast of the <u>associated</u> same at

least one piece of <u>broadcast</u> content by the content source.

16.   (Canceled)

17.   (Currently Amended)   An apparatus according to Claim 15, wherein at least one piece of pre-broadcast content is stored before the content source broadcasts the <u>associated</u> same at least one piece of <u>broadcast</u> content.

18.   (Currently Amended)   An apparatus according to Claim 15, wherein the apparatus is further caused to:

    receive at least one piece of <u>broadcast</u> content maintained by a continuity server of [[a]] <u>the</u>

        content source, wherein the received at least one piece of <u>broadcast</u> content is stored as

        the at least one piece of pre-broadcast content.

19.   (Canceled)

20.   (Currently Amended)   An apparatus according to Claim 18, wherein the <u>received</u> at least one piece of <u>broadcast</u> content is ~~received by receiving an~~ encoded<u>, and wherein the apparatus is further caused to:</u>

    <u>decode</u> ~~at least one piece of content and decoding~~ the encoded at least one piece of <u>broadcast</u>

        content ~~, the respective at least one piece of content having been at least one of encoded~~

        ~~or transcoded at the content source~~ .

21.   (Currently Amended)   An apparatus according to Claim 15, wherein the schedule ~~also~~ <u>further</u> specifies at least one scheduled time for <u>a live</u> broadcast of at least one piece of live broadcast content by the content source, wherein the apparatus is further caused to:

receive <u>the</u> at least one piece of live broadcast content when a current time matches the

scheduled time for <u>the live</u> broadcast of the ~~respective~~ at least one piece of live broadcast

content, ~~and~~

wherein the at least one piece of pre-broadcast content is accessed ~~by accessing~~ <u>using</u> at least

one of <u>the</u> at least one piece of pre-broadcast content stored in the memory or <u>the</u> at least

one piece of live broadcast content received at the apparatus, and wherein the accessed ~~at~~

~~least one piece of~~ pre-broadcast content is presented ~~by presenting~~ <u>using</u> at least one of

the accessed at least one piece of pre-broadcast content or the accessed at least one piece

of live broadcast content.

22.   (Currently Amended)   An apparatus according to Claim 15, wherein the apparatus is

further caused to:

determine to release each piece of pre-broadcast content when a current time of the apparatus

matches the scheduled time for <u>the live</u> broadcast of the <u>associated</u> ~~same~~ piece of

<u>broadcast</u> content by the content source, wherein at least one released piece of

pre-broadcast content is accessed.

23.   (Currently Amended)   An apparatus according to Claim 22, wherein the content source

broadcasts ~~the~~ <u>a one</u> same at least one piece of <u>broadcast</u> content when a current time of the

content source matches the ~~at least one~~ scheduled time <u>for the one same at least one piece of</u>

<u>broadcast content</u>, and wherein the apparatus is further caused to:

determine to synchronize the current time of the apparatus with the current time of the

content source.

24.   (Currently Amended)   An apparatus according to ~~Claim 22~~ <u>Claim 15</u>, wherein the apparatus is further caused to:

> determine to expire each ~~released~~ piece of pre-broadcast content when the current time is subsequent to the scheduled time <u>for the associated</u> ~~same piece of broadcast content~~; and

> determine to maintain, in the memory of the apparatus, at least one expired piece of pre-broadcast content.

25.   (Currently Amended)   An apparatus according to ~~Claim 22~~ <u>Claim 15</u>, wherein the apparatus is further caused to:

> determine to expire each ~~released~~ piece of pre-broadcast content when the current time is subsequent to the scheduled time <u>for the associated</u> ~~same piece of broadcast content~~; and

> determine to delete, from the memory of the apparatus, at least one expired piece of pre-broadcast content.

26.   (Currently Amended)   An apparatus according to Claim 25, wherein the apparatus is further caused to:

> determine to maintain at least one expired piece of pre-broadcast content in the memory of the apparatus, and wherein the at least one expired piece of pre-broadcast content <u>maintained in the memory</u> is ~~deleted by overwriting~~ <u>overwritten</u> ~~at least one expired piece of pre-broadcast content~~ with at least one subsequent piece of pre-broadcast content.

27.   (Currently Amended)   An apparatus according to Claim 15, wherein the at least one piece of pre-broadcast content ~~further~~ is stored with the schedule.

28.   (Currently Amended)   An apparatus according to ~~Claim 27~~ Claim 15, wherein the schedule includes at least one slot specifying broadcast of a selectable piece of pre-broadcast content at a respective scheduled time, wherein the apparatus is further caused to:

receive a selection of at least one piece of pre-broadcast content stored in the memory for the at least one slot; and

determine to modify the schedule to specify the selected at least one piece of pre-broadcast content in the at least one slot.

29.   (Currently Amended)   An apparatus according to Claim 15, wherein the schedule includes at least one slot specifying a scheduled time and [[a]] at least one associated piece of the pre-broadcast content stored in the memory, wherein the apparatus is further caused to:

receive at least one slot of the schedule at the apparatus, wherein the associated at least one piece of pre-broadcast content is accessed in accordance with the at least one slot received at the apparatus.

30.   (Currently Amended)   A method comprising:

determining to store, in a memory of an apparatus, at least one piece of pre-broadcast content associated with a same at least one piece of broadcast content maintained by a content source, the at least one piece of pre-broadcast content being stored before a scheduled time for a live broadcast of the associated same at least one piece of broadcast content by [[a]] the content source, the scheduled time specified by a schedule;

determining to access the at least one piece of pre-broadcast content from the memory ~~of the apparatus no sooner than~~ at a time synchronized with the scheduled time for the live broadcast of the associated same at least one piece of broadcast content;

receiving <u>the</u> live broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content

   from the content source; and

determining to present the accessed at least one piece of pre-broadcast content ~~consistent~~

   <u>synchronized</u> with the scheduled time for <u>the live</u> broadcast of the <u>associated</u> same at

   least one piece of <u>broadcast</u> content by the content source.

31.   (Canceled)

32.   (Currently Amended)   A method according to Claim 30, wherein at least one piece of

pre-broadcast content is stored before the content source broadcasts the <u>associated</u> same at least

one piece of <u>broadcast</u> content.

33.   (Currently Amended)   A method according to Claim 30 further comprising:

receiving, at the apparatus, at least one piece of <u>broadcast</u> content maintained by a continuity

   server of [[a]] <u>the</u> content source, wherein the received at least one piece of <u>broadcast</u>

   content is stored as the at least one piece of pre-broadcast content.

34.   (Canceled)

35.   (Currently Amended)   A method according to Claim 33 ~~further comprising: processing at least one piece of content at the content source, and thereafter sending the processed at least one piece of content to the apparatus, wherein processing at least one piece of content comprises at least one of encoding or transcoding at least one piece of content~~ , wherein the <u>received</u> at least one piece of <u>broadcast</u> content is <u>encoded, and wherein the method further comprises:</u>

<u>decoding</u> ~~received as the processed at least one piece of content~~ , ~~and when the content source encodes the at least one piece of content,~~ the encoded at least one piece of <u>broadcast</u> content ~~is decoded~~ .

36.   (Currently Amended)   A method according to Claim 30, wherein the schedule also specifies at least one scheduled time for <u>a live</u> broadcast of at least one piece of live broadcast content by the content source, and wherein the method further comprises:

receiving, at the apparatus, <u>the</u> at least one piece of live broadcast content when a current time matches the scheduled time for <u>the live</u> broadcast of the ~~respective~~ at least one piece of live broadcast content, <u>and</u>

wherein the at least one piece of pre-broadcast content is accessed by accessing at least one of <u>the</u> at least one piece of pre-broadcast content stored in the memory or <u>the</u> at least one piece of live broadcast content received at the apparatus, and wherein the accessed at least one piece of pre-broadcast content is presented by presenting at least one of the accessed at least one piece of pre-broadcast content or the accessed at least one piece of live broadcast content.

37.   (Currently Amended)   A method according to Claim 30 further comprising:

determining to release each piece of pre-broadcast content when a current time of the

apparatus matches the scheduled time for <u>the live</u> broadcast of the <u>associated</u> same piece

of <u>broadcast</u> content by the content source, wherein at least one released piece of pre-

broadcast content is accessed.

38.   (Currently Amended)   A method according to Claim 37, wherein the content source

broadcasts ~~the~~ <u>a one</u> same at least one piece of <u>broadcast</u> content when a current time of the

content source matches the ~~at least one~~ scheduled time <u>for the one same at least one piece of</u>

<u>broadcast content</u>, and wherein the method further comprises:

determining to synchronize the current time of the apparatus with the current time of the

content source.

39.   (Currently Amended)   A method according to ~~Claim 37~~ <u>Claim 30</u> further comprising:

determining to expire each ~~released~~ piece of pre-broadcast content when the current time is

subsequent to the scheduled time <u>for the associated</u> <u>same piece of broadcast content</u>; and

determining to maintain, in the memory of the apparatus, at least one expired piece of

pre-broadcast content.

40.   (Currently Amended)   A method according to ~~Claim 37~~ <u>Claim 30</u> further comprising:

determining to expire each ~~released~~ piece of pre-broadcast content when the current time is

subsequent to the scheduled time <u>for the associated</u> <u>same piece of broadcast content</u>; and

determining to delete, from the memory of the apparatus, at least one expired piece of

pre-broadcast content.

41.   (Currently Amended)   A method according to Claim 40 further comprising:

determining to maintain at least one expired piece of pre-broadcast content in the memory of

the apparatus, and wherein the at least one expired piece of pre-broadcast content

maintained in the memory is ~~deleted by overwriting~~ overwritten ~~at least one expired piece~~

~~of pre-broadcast content~~ with at least one subsequent piece of pre-broadcast content.

42.   (Previously Presented)   A method according to Claim 30, wherein the at least one

piece of pre-broadcast content is stored with the schedule.

43.   (Currently Amended)   A method according to ~~Claim 42~~ Claim 30, wherein the

schedule includes at least one slot specifying broadcast of a selectable piece of pre-broadcast

content at a respective scheduled time, and wherein the method further comprises:

receiving a selection of at least one piece of pre-broadcast content stored in the memory for

the at least one slot; and

determining to modify the schedule to specify the selected at least one piece of pre-broadcast

content in the at least one slot.

44.   (Currently Amended)   A method according to Claim 30, wherein the schedule includes

at least one slot specifying a scheduled time and [[a]] at least one associated piece of the   pre-

broadcast content stored in the memory, and wherein the method further comprises:

receiving at least one slot of the schedule at the apparatus, wherein the associated at least one

piece of pre-broadcast content is accessed in accordance with the at least one slot received

at the apparatus.

45. (Currently Amended) A non-transitory computer-readable storage medium carrying one or more sequences of one or more instructions which, when executed by one or more processors, cause an apparatus to at least perform the following steps:

determining to store, in a memory of the apparatus, at least one piece of pre-broadcast content associated with a same at least one piece of broadcast content maintained by a content source, the at least one piece of pre-broadcast content being stored before a scheduled time for a live broadcast of the associated same at least one piece of broadcast content by [[a]] the content source, the scheduled time specified by a schedule;

determining to access the at least one piece of pre-broadcast content from the memory of the apparatus no sooner than at a time synchronized with the scheduled time for the live broadcast of the associated same at least one piece of broadcast content;

receiving the live broadcast of the associated same at least one piece of broadcast content from the content source; and

determining to present the accessed at least one piece of pre-broadcast content consistent synchronized with the scheduled time for the live broadcast of the associated same at least one piece of broadcast content by the content source.

46. (Canceled)

47. (Currently Amended) A non-transitory computer-readable storage medium according to Claim 45, wherein the at least one piece of pre-broadcast content is stored before the content source broadcasts the associated same at least one piece of broadcast content.

48.   (Currently Amended)   A non-transitory computer-readable storage medium according to Claim 45, wherein the apparatus is caused to further perform:

receiving, at the apparatus, at least one piece of <u>broadcast</u> content maintained by a continuity server of [[a]] <u>the</u> content source, wherein the received at least one piece of <u>broadcast</u> content is stored as the at least one piece of pre-broadcast content.

49.   (Canceled)

50.   (Currently Amended)   A non-transitory computer-readable storage medium according to ~~Claim 45~~ <u>Claim 48</u>, wherein the <u>received</u> at least one piece of <u>broadcast</u> content is ~~received by receiving an~~ encoded<u>, and wherein the apparatus is caused to further perform:</u>

~~at least one piece of content and~~ decoding the encoded at least one piece of <u>broadcast</u> content ~~, the respective at least one piece of content having been at least one of encoded or transcoded at the content source~~ .

51.   (Currently Amended)   A non-transitory computer-readable storage medium according to Claim 45, wherein the schedule also specifies at least one scheduled time for <u>a live</u> broadcast of at least one piece of live broadcast content by the content source, and wherein the apparatus is caused to further perform:

receiving, at the apparatus, <u>the</u> at least one piece of live broadcast content when a current time matches the scheduled time for <u>the live</u> broadcast of the ~~respective~~ at least one piece of live broadcast content, and

wherein the at least one piece of pre-broadcast content is accessed by accessing at least one of <u>the</u> at least one piece of pre-broadcast content stored in the memory or <u>the</u> at least one

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piece of live broadcast content received at the apparatus, and wherein the accessed at least

one piece of pre-broadcast content is presented by presenting at least one of the accessed

at least one piece of pre-broadcast content or the accessed at least one piece of live

broadcast content.

52. (Currently Amended) A non-transitory computer-readable storage medium according

to Claim 45, wherein the apparatus is caused to further perform:

determining to release each piece of pre-broadcast content when a current time of the

apparatus matches the scheduled time for <u>the live</u> broadcast of the <u>associated</u> same piece

of <u>broadcast</u> content by the content source, wherein at least one released piece of pre-

broadcast content is accessed.

53. (Currently Amended) A non-transitory computer-readable storage medium according

to Claim 52, wherein the content source broadcasts ~~the~~ <u>a one</u> same at least one piece of <u>broadcast</u>

content when a current time of the content source matches the ~~at least one~~ scheduled time<u> for the</u>

<u>one same at least one piece of broadcast content</u>, and wherein the apparatus is caused to further

perform:

determining to synchronize the current time of the apparatus with the current time of the

content source.

54. (Currently Amended) A non-transitory computer-readable storage medium according

to ~~Claim 52~~ <u>Claim 45</u>, wherein the apparatus is caused to further perform:

determining to expire each ~~released~~ piece of pre-broadcast content when the current time is

subsequent to the scheduled time <u>for the associated</u> same piece of broadcast content; and

determining to maintain, in the memory of the apparatus, at least one expired piece of

pre-broadcast content.

55.   (Currently Amended)   A non-transitory computer-readable storage medium according

to ~~Claim 52~~ Claim 45, wherein the apparatus is caused to further perform:

determining to expire each ~~released~~ piece of pre-broadcast content when the current time is

subsequent to the scheduled time <u>for the associated</u> ~~same piece of broadcast content~~; and

determining to delete, from the memory of the apparatus, at least one expired piece of

pre-broadcast content.

56.   (Currently Amended)   A non-transitory computer-readable storage medium according

to Claim 55, wherein the apparatus is caused to further perform:

determining to maintain at least one expired piece of pre-broadcast content in the memory of

the apparatus, and wherein the at least one expired piece of pre-broadcast content

<u>maintained in the memory</u> is deleted by overwriting ~~at least one expired piece of pre-~~

~~broadcast content~~ <u>it</u> with at least one subsequent piece of pre-broadcast content.

57.   (Currently Amended)   A non-transitory computer-readable storage medium according

to Claim 45, wherein the at least one piece of pre-broadcast content ~~further~~ is stored with the

schedule.

58.   (Currently Amended)   A non-transitory computer-readable storage medium according

to ~~Claim 57~~ Claim 45, wherein the schedule includes at least one slot specifying broadcast of a

selectable piece of pre-broadcast content at a respective scheduled time, and wherein the apparatus is caused to further perform:

receiving a selection of at least one piece of pre-broadcast content <u>stored in the memory</u> for the at least one slot; and

determining to modify the schedule to specify the selected at least one piece of pre-broadcast content in the at least one slot.

59.   (Currently Amended)   A non-transitory computer-readable storage medium according to Claim 45, wherein the schedule includes at least one slot specifying a scheduled time and [[a]] <u>at least one associated</u> piece of pre-broadcast content <u>stored in the memory</u>, and wherein the apparatus is caused to further perform:

receiving at least one slot of the schedule at the apparatus, wherein the <u>associated</u> at least one piece of pre-broadcast content is accessed in accordance with the at least one slot received at the apparatus.

60.   (Currently Amended)   A system comprising:

a content source comprising a continuity server configured to maintain at least one piece of <u>broadcast</u> content and a schedule, wherein the schedule specifies at least one scheduled time for <u>a live</u> broadcast of the at least one piece of <u>broadcast</u> content by the content source, and wherein the content source is configured to broadcast the at least one piece of <u>broadcast</u> content in accordance with the schedule; and

a terminal configured to<u>,</u>

store, in a memory, at least one piece of pre-broadcast content ~~comprising the~~ associated

with a same at least one piece of broadcast content maintained by the continuity

server, ~~the terminal being configured to~~

store the at least one piece of pre-broadcast content before the scheduled time for the live

broadcast of the associated same at least one piece of broadcast content, ~~wherein the~~

~~terminal is configured to~~

access the at least one piece of pre-broadcast content from the memory ~~no sooner than~~ at

a time synchronized with the scheduled time for the live broadcast of the associated

same at least one piece of broadcast content,

receive the live broadcast of the associated same at least one piece of broadcast content

from the content source, and ~~thereafter~~

present the accessed at least one piece of pre-broadcast content ~~consistent~~ synchronized

with the scheduled time for the live broadcast of the associated same at least one

piece of broadcast content by the content source.

61.   (Canceled)

62.   (Currently Amended)   A system according to Claim 60, wherein the terminal ~~is~~
~~configured to store~~ stores the at least one piece of pre-broadcast content before the content source
broadcasts the associated same at least one piece of broadcast content.

63.   (Currently Amended)   A system according to Claim 60, wherein the content source is
further configured to send, to the terminal, the at least one piece of broadcast content maintained
by the continuity server, and wherein ~~the terminal is configured to receive and store~~ the received

at least one piece of <u>broadcast</u> content <u>is stored by the terminal</u> as the at least one piece of pre-broadcast content.

64.   (Currently Amended)   A system according to Claim 63, wherein the content source is <u>further</u> configured to ~~at least one of encode or transcode~~ <u>encode</u> the at least one piece of <u>broadcast</u> content<u>, by at least one of encoding or transcoding the at least one piece of broadcast content</u> ~~and the schedule~~ before sending ~~the at least one piece of content and the schedule~~ to the terminal, and wherein ~~when the content source encodes the at least one piece of content,~~ the terminal is <u>further</u> configured to ~~receive the encoded at least one piece of content, and thereafter~~ decode the encoded at least one piece of <u>broadcast</u> content.

65.   (Currently Amended)   A system according to Claim 60, wherein the schedule ~~maintained by the continuity server~~ also specifies at least one scheduled time for <u>a live</u> broadcast of at least one piece of live broadcast content by the content source, <u>and</u> wherein the terminal is <u>further</u> configured to<u>,</u>

receive <u>the</u> at least one piece of live broadcast content when a current time matches the scheduled time for <u>the live</u> broadcast of the ~~respective~~ at least one piece of live broadcast content,

wherein the terminal ~~is configured to access~~ <u>the at least one piece of pre-broadcast content is accessed using</u> at least one of <u>the</u> at least one piece of pre-broadcast content stored by the terminal and <u>the</u> at least one piece of live broadcast content received by the terminal, and wherein the <u>accessed pre-broadcast content is presented using</u> ~~terminal is configured to present~~ at least one of the accessed at least one piece of pre-broadcast content or the accessed at least one piece of live broadcast content.

66.   (Currently Amended)   A system according to Claim 60, wherein the terminal is <u>further</u> configured to release each piece of pre-broadcast content when a current time of the terminal matches the scheduled time for <u>the live</u> broadcast of the <u>associated</u> same piece of <u>broadcast</u> content by the content source, ~~and~~ wherein ~~the terminal is configured to access~~ at least one released piece of pre-broadcast content <u>is accessed</u>.

67.   (Currently Amended)   A system according to Claim 66, wherein the content source is <u>further</u> configured to broadcast the at least one piece of <u>broadcast</u> content when a current time of the content source matches the ~~at least one~~ scheduled time <u>for the at least one piece of broadcast content</u>, and wherein the terminal is ~~also~~ <u>further</u> configured to synchronize the current time of the terminal with the current time of the content source.

68.   (Currently Amended)   A system according to ~~Claim 66~~ <u>Claim 60</u>, wherein the terminal is ~~also~~ <u>further</u> configured to expire each ~~released~~ piece of pre-broadcast content when the current time is subsequent to the scheduled time <u>for the associated</u> same piece of broadcast content, and ~~wherein the terminal is configured~~ to maintain, in the memory, at least one expired piece of pre-broadcast content.

69.   (Currently Amended)   A system according to ~~Claim 66~~ <u>Claim 60</u>, wherein the terminal is ~~also~~ <u>further</u> configured to expire each ~~released~~ piece of pre-broadcast content when the current time is subsequent to the scheduled time <u>for the associated</u> same piece of broadcast content, and ~~wherein the terminal is configured~~ to delete, from the memory, at least one expired piece of pre-broadcast content.

70.   (Currently Amended)   A system according to Claim 69, wherein the terminal is <u>further</u>

configured to maintain at least one expired piece of pre-broadcast content in the memory ~~of the~~

~~terminal~~, and ~~wherein the terminal is configured to overwrite~~ <u>the</u> at least one expired piece of

pre-broadcast content <u>maintained in the memory is deleted by overwriting it</u> with at least one

subsequent piece of pre-broadcast content.

71.   (Previously Presented)   A system according to Claim 60, wherein the terminal is also

configured to store a schedule comprising the same schedule maintained by the continuity server.

72. – 73.   (Canceled)

74.   (Currently Amended)   A method according to Claim 30, further comprising:

determining to combine the accessed at least one piece of pre-broadcast content with the

    received live broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content; and

    determining to present the combined content consistent with the scheduled time.

75.   (Currently Amended)   A method according to Claim 30, further comprising:

determining to selectively present the accessed at least one piece of pre-broadcast content, the

    received live broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content, or a

    combination thereof consistent with the scheduled time.

76.   (Currently Amended)   A method according to Claim 75, wherein the accessed at least

one piece of pre-broadcast content is presented at a beginning of a time slot in the schedule, and

~~then~~ the received live broadcast of the <u>associated</u> same at least one piece of <u>broadcast</u> content is

presented.

    77.   (Previously Presented)   A method according to Claim 30, wherein the scheduled time

is outside of a prime time.